

C-1 Road Inspection (continued)

5.0 Approval

- 5.1. Non-conformance notices (NCN) are written when there is an issue with some aspect of the road that cannot be fixed in a quick manner, e.g. that same day. If all NCNs have been closed, circle "Yes". If there is an open NCN issue, you will need to verify that it is closed.
- 5.2. A photographic record is not required for each road section inspection. However, photos should be taken of the installation process and final product for documentation purposes.
- 5.3. Depending on the dynamics of your project, there may be a few road modifications during construction. This may be due to landowner issues, wet land issues, or other. Ensure all road changes have been approved by the civil superintendent and all applicable parties (owner, landowner and civil engineer). The civil drawings shall be updated and redlined with all road changes.
- 5.4. If all the items on this inspection form have been recorded and accepted, and all items are within the specified tolerances of the design drawings, the road is acceptable. Have the installation foreman, as well as yourself, sign the bottom of the form. The road inspection form will then be filed in its appropriate quality control book.

6.0. Records

- 6.1. C-1 Road Inspection Form
- 6.2. Photographic records of the road installation
- 6.3. Third Party Subgrade Compaction Test Results
- 6.4. Third Party Base Compaction Test Results
- 6.5. Update Civil Drawings with all road changes, if applicable

RP 902 Lean in an Operational Environment

The following recommended practice (RP) is subject to the disclaimer at the front of this manual. It is important that users read the disclaimer before considering adoption of any portion of this recommended practice.

This recommended practice was prepared by the AWEA Quality Committee. The committee would like to thank:

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Purpose and Scope

The scope of “Lean In an Operational Environment” addresses applying lean concepts in wind site management operations.

Lean in an Operational Environment

1. Lean Overview

1.1. What is Lean?

Lean is a set of tools and practices aimed at reducing waste and improving reliability. Waste is defined as any activity that consumes resources but does not add value to a particular process. It also includes any product that the customers are unwilling to pay for. By eliminating waste and non-value added time and activities, one can shorten the timeline from when the customer orders the product or service to when the customer receives the full value of the product or service. As the provider of the product or service, one can reduce labor, materials, and cycle time with the ultimate goal of improving customer satisfaction and business performance in multiple areas, such as safety, quality, cost, and on-time delivery.